

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1-4. (Cancelled)

5. (Currently Amended) A polishing pad comprising:
an upper layer including a polishing surface and an opening;
a window member extending through at least part of the opening, the window member having a top surface positioned at least a predetermined distance below the polishing surface;
a supporting layer disposed below the upper layer, the supporting layer spanning the opening and supporting the window member; and
an adhesive layer disposed below the supporting layer, ~~at least one of the supporting layer and the adhesive layer spanning the opening and supporting the window member,~~ the adhesive layer having an opening to allow an optical monitoring system to monitor a substrate through the window member.

6. (Cancelled)

7. (Original) The polishing pad of claim 5, wherein the adhesive layer includes a double-sided adhesive tape

8. (Original) The polishing pad of claim 5, further comprising a bonding material attaching the window member to the supporting layer.

9. (Original) The polishing pad of claim 5, further comprising an adhesive between the upper layer and the supporting layer.

10. (Original) The polishing pad of claim 5, wherein the supporting layer includes a transparent incompressible polymer sheet.

11. (Original) The polishing pad of claim 5, wherein the window member includes a clear polyurethane.

12. (Original) The polishing pad of claim 5, wherein the top surface and a bottom surface of the window member are abraded.

13. (Cancelled)

14. (Currently Amended) The A polishing pad comprising: of claim 5,
an upper layer including a polishing surface and an opening;
a window member extending through at least part of the opening, the window member
having a top surface positioned at least a predetermined distance below the polishing surface;
a supporting layer disposed below the upper layer; and
an adhesive layer disposed below the supporting layer, the adhesive layer spanning the
opening and supporting the window member;

wherein the supporting layer includes an aperture and the window member extends through the aperture in the supporting layer.

15. (Cancelled)

16. (Currently Amended) The A polishing pad comprising: of claim 5,
an upper layer including a polishing surface and an opening;

a window member extending through at least part of the opening, the window member having a top surface positioned at least a predetermined distance below the polishing surface;
a supporting layer disposed below the upper layer; and
an adhesive layer disposed below the supporting layer, at least one of the supporting layer or the adhesive layer spanning the opening and supporting the window member,

wherein a portion of the adhesive layer below the window member is transparent and the remainder of the adhesive layer is opaque.

17-35. (Cancelled)

36. (New) The polishing pad of claim 14, wherein the adhesive layer includes a transparent adhesive.

37. (New) The polishing pad of claim 14, further comprising a bonding material attaching the window member to the adhesive layer.

38. (New) The polishing pad of claim 14, wherein the adhesive layer includes a double-sided adhesive tape

39. (New) The polishing pad of claim 14, further comprising an adhesive between the upper layer and the supporting layer.

40. (New) The polishing pad of claim 14, wherein the supporting layer includes a transparent incompressible polymer sheet.

41. (New) The polishing pad of claim 14, wherein the window member includes a clear polyurethane.

42. (New) The polishing pad of claim 14, wherein the top surface and a bottom surface of the window member are abraded.

43. (New) The polishing pad of claim 16, wherein the supporting layer spans the opening and supports the window member.

44. (New) The polishing pad of claim 43, further comprising a bonding material attaching the window member to the supporting layer.

45. (New) The polishing pad of claim 16, wherein the supporting layer includes an aperture and the window member extends through the aperture in the supporting layer, and the adhesive layer spans the opening and supports the window member.

46. (New) The polishing pad of claim 45, further comprising a bonding material attaching the window member to the adhesive layer.

47. (New) The polishing pad of claim 16, further comprising an adhesive between the upper layer and the supporting layer.

48. (New) The polishing pad of claim 16, wherein the supporting layer includes a transparent incompressible polymer sheet.

49. (New) The polishing pad of claim 16, wherein the window member includes a clear polyurethane.